

**Flood Control Project Maintenance
Levee Inspections**

Fall 2008 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including Boat Survey Erosion

Sacramento River Basin

RD0003	Overall LMA Rating	Total LMA Miles				
Reclamation District No. 0003	U	28.60				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	35.38		35.38	123.71%		
Trim / Thin Trees	3.94	0.64	6.50	22.73%		
Encroachments	0.17		0.17	0.59%	0.60	0.66
Slope Stability	0.06		0.06	0.21%		
Repair Gates	0.01		0.01	0.04%		
Boat Survey Erosion	0.29		0.29	1.01%		
<i>LMA Totals:</i>	39.85	0.64	42.41	148.29%	0.60	0.66

Unit No. 01 Left Bank Steamboat Slough	Overall Unit Rating	Total Unit Miles				
	U	11.00				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	11.94		11.94	108.55%		
Trim / Thin Trees	0.19	0.01	0.23	2.09%		
Encroachments	0.12		0.12	1.09%	0.11	0.27
Boat Survey Erosion	0.20		0.20	1.82%		
<i>Unit Totals:</i>	12.45	0.01	12.49	113.55%	0.11	0.27

Unit No. 02 Right Bank Sacramento River	Overall Unit Rating	Total Unit Miles				
	U	17.60				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	23.44		23.44	133.18%		
Trim / Thin Trees	3.75	0.63	6.27	35.63%		
Encroachments	0.05		0.05	0.28%	0.49	0.39
Slope Stability	0.06		0.06	0.34%		
Repair Gates	0.01		0.01	0.06%		
Boat Survey Erosion	0.09		0.09	0.51%		
<i>Unit Totals:</i>	27.40	0.63	29.92	170.00%	0.49	0.39

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2008 Levee Inspection Results

Reclamation District No. 0003

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Reclamation District No. 0003

Waterway			Bank	Unit Miles
Unit No. 01 Left Bank Steamboat Slough			Left	11.00
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	3/17/2008		9/22/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			U	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to : DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000.

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 0003

Waterway						Bank	Unit Miles	Inspection Date	Inspector	
Unit No. 01 Left Bank Steamboat Slough						Left	11.00	09/22/2008	Richard Willoughby	
LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue
	Start	End						Start	End	
1	0.04	0.04	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.303980 ° -121.575115 °	38.303980 ° -121.575115 °	3
2	0.12	0.12	Earthen Levee	Encroachments	WS	M	Tree or limb	38.303397 ° -121.576415 °	38.303397 ° -121.576415 °	4
3	0.18	0.24	Boat Survey	Boat Survey Erosion	WS	M	Inspector Comments: tree hazards	38.303083 ° -121.577387 °	38.302623 ° -121.578325 °	967
4	0.21	0.21	Earthen Levee	Encroachments	WS	M	Tree or limb	38.302632 ° -121.577672 °	38.302632 ° -121.577672 °	5
5	0.22	0.33	Earthen Levee	Encroachments	WS	CO	Landscaping	38.302530 ° -121.577848 °	38.301424 ° -121.579113 °	Y 6
6	0.39	0.46	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.300547 ° -121.579445 °	38.299638 ° -121.580015 °	7
7	0.50	0.52	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.299165 ° -121.580345 °	38.298922 ° -121.580502 °	8
8	0.58	0.58	Earthen Levee	Encroachments	WS	M	Tree or limb	38.298127 ° -121.580827 °	38.298127 ° -121.580827 °	Y 9
9	0.60	0.60	Earthen Levee	Encroachments	LS	M	Prunings	38.297773 ° -121.580934 °	38.297773 ° -121.580934 °	28
10	0.68	0.68	Earthen Levee	Encroachments	WS	M	Tree or limb	38.296680 ° -121.581133 °	38.296680 ° -121.581133 °	29
11	0.75	0.95	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.295673 ° -121.581487 °	38.292863 ° -121.582462 °	31
12	0.75	0.98	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.295645 ° -121.581486 °	38.292539 ° -121.582564 °	30
13	0.88	0.98	Boat Survey	Boat Survey Erosion	LS	M	Inspector Comments: tree hazards	38.293387 ° -121.580012 °	38.292683 ° -121.582918 °	965
14	1.03	1.03	Earthen Levee	Encroachments	LS	M	Prunings	38.291880 ° -121.582702 °	38.291880 ° -121.582702 °	11
15	1.08	1.09	Earthen Levee	Trim / Thin Trees	LS	U	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.291055 ° -121.582765 °	38.290898 ° -121.582777 °	Y 12
16	1.14	4.39	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.290181 ° -121.582818 °	38.253188 ° -121.600544 °	32
17	1.21	1.27	Earthen Levee	Encroachments	LS	CO	Landscaping	38.289210 ° -121.582770 °	38.288390 ° -121.582818 °	Y 13
18	1.29	1.31	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.288052 ° -121.582817 °	38.287825 ° -121.582852 °	14
19	1.31	1.59	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.287836 ° -121.582862 °	38.284870 ° -121.586177 °	33

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 0003

Waterway							Bank	Unit Miles	Inspection Date	Inspector	
Unit No. 01 Left Bank Steamboat Slough							Left	11.00	09/22/2008	Richard Willoughby	
LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
20	1.45	1.45	Boat Survey	Boat Survey Erosion	LS	M	Inspector Comments: tree hazards, caves	°	°		964
21	1.60	1.62	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.284807 ° -121.586333 °	38.284610 ° -121.586607 °		15
22	1.64	1.66	Earthen Levee	Encroachments	LS	PO	Landscaping	38.284422 ° -121.586893 °	38.284177 ° -121.587208 °		16
23	1.69	2.03	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.283776 ° -121.587439 °	38.279212 ° -121.588518 °		34
24	1.71	1.71	Earthen Levee	Encroachments	WS	M	Tree or limb	38.283551 ° -121.587783 °	38.283551 ° -121.587783 °		35
25	1.73	1.74	Earthen Levee	Encroachments	WS	M	Prunings	38.283432 ° -121.587877 °	38.283198 ° -121.588050 °		17
26	1.77	1.79	Earthen Levee	Encroachments	LS	CO	Landscaping	38.282802 ° -121.588252 °	38.282615 ° -121.588297 °		18
27	2.07	2.51	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.278602 ° -121.588719 °	38.273460 ° -121.587539 °		36
28	2.60	2.76	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.272133 ° -121.588182 °	38.269958 ° -121.588648 °		37
29	2.69	2.69	Earthen Levee	Encroachments	WS	M	Tree or limb	38.271021 ° -121.588606 °	38.271021 ° -121.588606 °		38
30	2.80	2.83	Boat Survey	Boat Survey Erosion	WS	M	Inspector Comments: tree hazards	38.269282 ° -121.588964 °	38.268859 ° -121.588655 °		962
31	2.90	4.46	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.268219 ° -121.587681 °	38.252205 ° -121.600927 °		39
32	3.13	3.15	Earthen Levee	Encroachments	LS	CO	Landscaping	38.264902 ° -121.587193 °	38.264580 ° -121.587220 °		20
33	3.15	3.15	Earthen Levee	Encroachments	WS	M	Material	38.264605 ° -121.587201 °	38.264605 ° -121.587201 °		40
34	4.64	4.64	Earthen Levee	Encroachments	LS	M	Prunings	38.249725 ° -121.601045 °	38.249725 ° -121.601045 °		21
35	4.74	5.35	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.248278 ° -121.600972 °	38.239618 ° -121.601807 °		41
36	4.85	5.35	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.246714 ° -121.600860 °	38.239617 ° -121.601807 °		42
37	5.37	5.40	Earthen Levee	Encroachments	LS	PO	Landscaping	38.239276 ° -121.601899 °	38.238852 ° -121.602000 °		43
38	5.48	5.56	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.237690 ° -121.602231 °	38.236575 ° -121.602155 °		44

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 0003

Waterway							Bank	Unit Miles	Inspection Date	Inspector	
Unit No. 01 Left Bank Steamboat Slough							Left	11.00	09/22/2008	Richard Willoughby	
LMR Line	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
39	5.53	5.53	Earthen Levee	Encroachments	LS	PO	Landscaping	38.237000 ° -121.602208 °	38.237000 ° -121.602208 °		45
40	5.55	5.79	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.236791 ° -121.602184 °	38.233421 ° -121.601387 °		46
41	5.56	5.79	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.236576 ° -121.602157 °	38.233426 ° -121.601391 °		47
42	5.79	5.79	Earthen Levee	Encroachments	LS	CO	Landscaping	38.233421 ° -121.601389 °	38.233421 ° -121.601389 °		48
43	5.79	5.81	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.233337 ° -121.601374 °	38.233078 ° -121.601302 °		49
44	5.81	5.81	Earthen Levee	Encroachments	WS	M	Tree or limb	38.233044 ° -121.601313 °	38.233044 ° -121.601313 °		50
45	5.90	7.14	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.231756 ° -121.601398 °	38.214809 ° -121.605213 °		51
46	6.36	6.56	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.225155 ° -121.601303 °	38.222336 ° -121.600971 °		52
47	7.08	7.10	Earthen Levee	Encroachments	LS	PO	Landscaping	38.215490 ° -121.604700 °	38.215355 ° Y -121.604793 °		23
48	7.43	7.66	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.210985 ° -121.607179 °	38.208079 ° -121.609111 °		53
49	7.83	8.24	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.205687 ° -121.609634 °	38.199906 ° -121.611282 °		54
50	7.95	8.00	Earthen Levee	Encroachments	LS	CO	Landscaping	38.203945 ° -121.609932 °	38.203283 ° Y -121.610025 °		25
51	8.42	8.74	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.197554 ° -121.612706 °	38.194379 ° -121.616678 °		55
52	8.47	8.50	Earthen Levee	Encroachments	LS	PO	Landscaping	38.197027 ° -121.613093 °	38.196635 ° -121.613390 °		26
53	9.44	9.67	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.192968 ° -121.628870 °	38.192391 ° -121.632851 °		56
54	10.17	11.03	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.188948 ° -121.640743 °	38.182350 ° -121.653420 °		57
55	10.20	10.22	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.188613 ° -121.641175 °	38.188388 ° Y -121.641485 °		27
56	10.69	11.03	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.184080 ° -121.647660 °	38.182350 ° 121.653420 °		58

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 0003

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.00	09/22/2008	Richard Willoughby

Levee Mile Report Line	5
Start Levee Mile	0.22
End Levee Mile	0.33
Location	
Category	Earthen Levee
Item	Encroachments
Dense landscaping on waterside from LM 0.22 to 0.28	



Levee Mile Report Line	5
Start Levee Mile	0.22
End Levee Mile	0.33
Location	
Category	Earthen Levee
Item	Encroachments
Looking upstream at dense landscaping on waterside slope from LM 0.22 to 0.28	



Levee Mile Report Line	8
Start Levee Mile	0.58
End Levee Mile	0.58
Location	
Category	Earthen Levee
Item	Encroachments
Down tree limbs on waterward slop at LM 0.58	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 0003

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.00	09/22/2008	Richard Willoughby

Levee Mile Report Line	15
Start Levee Mile	1.08
End Levee Mile	1.09
Location	
Category	Earthen Levee
Item	Trim / Thin Trees
Down tree limbs on landside slope from LM 1.08 to 1.09	



Levee Mile Report Line	17
Start Levee Mile	1.21
End Levee Mile	1.27
Location	
Category	Earthen Levee
Item	Encroachments
Landscaping on landside slope block view of levee from LM 1.21 to 1.27	



Levee Mile Report Line	47
Start Levee Mile	7.08
End Levee Mile	7.10
Location	
Category	Earthen Levee
Item	Encroachments
Large Cactus plant on landside shoulder block view of levee slope from LM 7.08 to 7.10	

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Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 0003

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.00	09/22/2008	Richard Willoughby

Levee Mile Report Line	50
Start Levee Mile	7.95
End Levee Mile	8.00
Location	
Category	Earthen Levee
Item	Encroachments
Landscaping (Ivy) on landside slope blocking view of levee from LM 7.95 to 8.00	



Levee Mile Report Line	55
Start Levee Mile	10.20
End Levee Mile	10.22
Location	
Category	Earthen Levee
Item	Trim / Thin Trees
Tree to be trimmed on landside shoulder from LM 10.20 to 10.22	

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Reclamation District No. 0003

Waterway			Bank	Unit Miles
Unit No. 02 Right Bank Sacramento River			Right	17.60
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	3/17/2008		9/22/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			U	

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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

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DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000.

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 0003

Waterway							Bank	Unit Miles	Inspection Date	Inspector	
Unit No. 02 Right Bank Sacramento River							Right	17.60	09/22/2008	Richard Willoughby	
LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.39	0.39	Earthen Levee	Repair Gates	CR	M	Inspector Comments: no key to gate.	38.173950 ° -121.647217 °	38.173950 ° -121.647217 °		1
2	0.39	1.60	Earthen Levee	Vegetation	LS	M		Remove the wild growth other than native grasses from the levee slopes.	38.173991 ° -121.647241 °	38.168778 ° -121.627327 °	
3	0.43	1.55	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.173834 ° -121.646678 °	38.169125 ° -121.628139 °		68
4	1.79	1.79	Earthen Levee	Encroachments	WS	M	Prunings	38.167400 ° -121.624333 °	38.167400 ° -121.624333 °		4
5	1.88	1.92	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.166765 ° -121.622864 °	38.166561 ° -121.622309 °		69
6	1.93	1.98	Earthen Levee	Encroachments	WS	CO	Landscaping	38.166525 ° -121.622201 °	38.166176 ° -121.621332 °		70
7	1.99	2.64	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.166149 ° -121.621196 °	38.164444 ° -121.610004 °		71
8	2.19	2.37	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.165071 ° -121.617871 °	38.164496 ° -121.614904 °		96
9	2.53	2.62	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.164394 ° -121.611924 °	38.164460 ° -121.610348 °		95
10	2.69	2.80	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.164430 ° -121.609077 °	38.164660 ° -121.607218 °		5
11	2.97	3.55	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.165346 ° -121.604227 °	38.170475 ° -121.596335 °		72
12	3.01	4.15	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.165584 ° -121.603680 °	38.178051 ° -121.591068 °		94
13	3.27	3.29	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.167618 ° -121.599708 °	38.167793 ° -121.599442 °		6
14	3.75	4.07	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.172970 ° -121.594503 °	38.176957 ° -121.591698 °		7
15	3.86	11.76	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.174272 ° -121.593515 °	38.240976 ° -121.517472 °		73
16	4.22	4.23	Earthen Levee	Encroachments	LS	PO	Landscaping	38.178846 ° -121.590440 °	38.178975 ° -121.590336 °		93
17	4.25	4.35	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.179187 ° -121.590102 °	38.180373 ° -121.589135 °		8
18	4.32	4.51	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.180103 ° -121.589417 °	38.182417 ° -121.587618 °		91
19	4.36	4.42	Earthen Levee	Encroachments	LS	CO	Landscaping	38.180531 ° -121.589103 °	38.181330 ° -121.588480 °		92

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 0003

Waterway							Bank	Unit Miles	Inspection Date	Inspector	
Unit No. 02 Right Bank Sacramento River							Right	17.60	09/22/2008	Richard Willoughby	
LMR Line	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
20	4.75	4.79	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.185123 ° -121.585107 °	38.185580 ° -121.584657 °		9
21	4.93	5.09	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.187155 ° -121.583113 °	38.188693 ° -121.580892 °		10
22	5.12	5.94	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.188918 ° -121.580552 °	38.193540 ° -121.566998 °		90
23	5.94	6.00	Earthen Levee	Encroachments	LS	CO	Landscaping	38.193552 ° -121.566933 °	38.193832 ° -121.565995 °	Y	11
24	6.00	6.00	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.193841 ° -121.566021 °	38.193841 ° -121.566021 °		89
25	6.02	9.01	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.193957 ° -121.565686 °	38.234345 ° -121.559479 °		87
26	6.66	6.69	Earthen Levee	Encroachments	LS	CO	Landscaping	38.201255 ° -121.558977 °	38.201634 ° -121.558886 °		88
27	7.02	7.04	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.206363 ° -121.558520 °	38.206598 ° -121.558530 °		12
28	7.27	7.33	Earthen Levee	Slope Stability	LS	M	Repair slope instability. Inspector Comments: Landowner has removed 300' x 21' of landward slope next to ramp. Landowner has repaired levee without DWR Supervision . No certified compaction results provide.	38.209860 ° -121.558600 °	38.209860 ° -121.558600 °	Y	67
29	7.79	7.82	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.217352 ° -121.558432 °	38.217683 ° -121.558368 °		13
30	9.13	9.13	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.235932 ° -121.559620 °	38.235932 ° -121.559620 °		14
31	9.18	9.18	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.236608 ° -121.559468 °	38.236608 ° -121.559468 °		15
32	9.35	9.45	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.238827 ° -121.558117 °	38.240018 ° -121.557053 °		16
33	9.47	9.53	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.240130 ° -121.556948 °	38.240853 ° -121.556247 °		17
34	9.53	9.79	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.240870 ° -121.556232 °	38.242473 ° -121.552207 °		18
35	9.83	9.97	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.242519 ° -121.551437 °	38.242274 ° -121.548848 °		86
36	10.13	10.13	Earthen Levee	Encroachments	LS	CO	Fences	38.241880 ° -121.546108 °	38.241880 ° -121.546108 °	Y	19
37	10.15	10.15	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.241793 ° -121.545640 °	38.241793 ° -121.545640 °		20

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 0003

Waterway						Bank	Unit Miles	Inspection Date		Inspector	
Unit No. 02 Right Bank Sacramento River						Right	17.60	09/22/2008		Richard Willoughby	
LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
38	10.24	10.29	Earthen Levee	Encroachments	LS	PO	Landscaping	38.241551 ° -121.544035 °	38.241422 ° -121.543236 °		85
39	10.31	10.95	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.241359 ° -121.542961 °	38.238814 ° -121.531697 °		84
40	10.34	10.38	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.241160 ° -121.542377 °	38.241005 ° -121.541618 °		22
41	10.71	10.73	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.239580 ° -121.535943 °	38.239480 ° -121.535508 °		23
42	10.87	10.87	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.238977 ° -121.533173 °	38.238977 ° -121.533173 °		24
43	11.03	11.15	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.238778 ° -121.530237 °	38.239098 ° -121.528138 °		25
44	11.30	11.33	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.239702 ° -121.525415 °	38.239782 ° -121.524965 °		26
45	11.42	11.42	Earthen Levee	Encroachments	LS	M	Prunings	38.239917 ° -121.523265 °	38.239917 ° -121.523265 °		27
46	11.58	11.84	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.240093 ° -121.520542 °	38.241842 ° -121.516445 °		28
47	11.63	11.73	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.240158 ° -121.519508 °	38.240752 ° -121.517918 °		29
48	11.96	11.98	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.243145 ° -121.515005 °	38.243333 ° -121.514823 °		30
49	11.98	12.89	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.243377 ° -121.514730 °	38.255043 ° -121.515277 °		74
50	12.03	12.07	Earthen Levee	Encroachments	LS	CO	Landscaping	38.243915 ° -121.514254 °	38.244392 ° -121.513740 °		83
51	12.23	12.30	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.246310 ° -121.512157 °	38.247332 ° -121.511773 °		31
52	12.33	12.40	Earthen Levee	Encroachments	LS	PO	Landscaping	38.247788 ° -121.511695 °	38.248682 ° -121.511657 °		32
53	12.47	12.47	Earthen Levee	Encroachments	LS	M	Prunings	38.249665 ° -121.511765 °	38.249665 ° -121.511765 °		33
54	12.48	12.55	Earthen Levee	Encroachments	LS	PO	Landscaping	38.249920 ° -121.511845 °	38.250808 ° -121.512152 °		34
55	12.60	12.63	Earthen Levee	Encroachments	LS	CO	Landscaping	38.251463 ° -121.512458 °	38.251873 ° -121.512678 °		35
56	12.77	12.85	Earthen Levee	Encroachments	LS	PO	Landscaping	38.253593 ° -121.513883 °	38.254590 ° -121.514862 °		37

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 0003

Waterway						Bank	Unit Miles	Inspection Date		Inspector	
Unit No. 02 Right Bank Sacramento River						Right	17.60	09/22/2008		Richard Willoughby	
LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
57	12.79	12.88	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.253923 ° -121.514178 °	38.254910 ° -121.515172 °		38
58	12.88	12.97	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.254912 ° -121.515173 °	38.255888 ° -121.516165 °		39
59	13.00	15.07	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.256255 ° -121.516593 °	38.276839 ° -121.543897 °		75
60	13.02	13.02	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.256430 ° -121.516825 °	38.256430 ° -121.516825 °		40
61	13.05	13.08	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.256710 ° -121.517232 °	38.256958 ° -121.517590 °		41
62	13.10	13.56	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.257205 ° -121.517928 °	38.261733 ° -121.523960 °		42
63	13.25	13.30	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.258598 ° -121.519970 °	38.259100 ° -121.520657 °		43
64	13.26	13.29	Earthen Levee	Encroachments	LS	CO	Landscaping	38.258703 ° -121.520160 °	38.259003 ° -121.520557 °		82
65	13.38	13.56	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.259953 ° -121.521718 °	38.261793 ° -121.524037 °		44
66	13.66	14.72	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.262729 ° -121.525334 °	38.273257 ° -121.539318 °		81
67	13.72	13.72	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.263283 ° -121.526115 °	38.263283 ° -121.526115 °		45
68	13.72	13.75	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.263332 ° -121.526183 °	38.263600 ° -121.526532 °		46
69	13.79	13.82	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.264067 ° -121.527085 °	38.264395 ° -121.527493 °		47
70	14.00	14.05	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.266207 ° -121.529727 °	38.266647 ° -121.530302 °		48
71	14.14	14.14	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.267608 ° -121.531587 °	38.267608 ° -121.531587 °		49
72	14.36	14.38	Earthen Levee	Encroachments	LS	PO	Landscaping	38.269642 ° -121.534540 °	38.269882 ° -121.534863 °		50
73	14.57	14.62	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.271782 ° -121.537437 °	38.272182 ° -121.537967 °		51
74	14.85	15.19	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.274498 ° -121.541015 °	38.278153 ° -121.545318 °		52
75	15.20	15.27	Earthen Levee	Encroachments	LS	PO	Landscaping	38.278237 ° -121.545405 °	38.278930 ° -121.546218 °		53

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 0003

Waterway						Bank	Unit Miles	Inspection Date		Inspector	
Unit No. 02 Right Bank Sacramento River						Right	17.60	09/22/2008		Richard Willoughby	
LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
76	15.23	15.72	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.278573 ° -121.545845 °	38.283039 ° -121.552500 °		80
77	15.28	15.70	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.279053 ° -121.546387 °	38.282907 ° -121.552192 °		54
78	15.56	15.56	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.281778 ° -121.550115 °	38.281778 ° -121.550115 °		55
79	15.66	15.68	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.282558 ° -121.551558 °	38.282767 ° -121.551938 °		56
80	15.78	16.08	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.283623 ° -121.553395 °	38.286760 ° -121.557067 °		57
81	15.83	15.83	Earthen Levee	Encroachments	LS	M	Tree or limb	38.284175 ° -121.554085 °	38.284175 ° -121.554085 °	Y	58
82	15.83	15.91	Earthen Levee	Encroachments	LS	CO	Landscaping	38.284124 ° -121.554084 °	38.284933 ° -121.555052 °		79
83	15.96	17.18	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.285515 ° -121.555656 °	38.299129 ° -121.569520 °		76
84	16.03	16.03	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.286278 ° -121.556525 °	38.286278 ° -121.556525 °		59
85	16.45	16.51	Earthen Levee	Encroachments	LS	PO	Landscaping	38.290742 ° -121.561575 °	38.291390 ° -121.562268 °		60
86	16.61	16.65	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.292553 ° -121.563428 °	38.293048 ° -121.563953 °		61
87	16.71	16.81	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.293658 ° -121.564602 °	38.294848 ° -121.565752 °		62
88	16.75	16.78	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.294112 ° -121.565053 °	38.294405 ° -121.565335 °		63
89	16.79	16.88	Boat Survey	Boat Survey Erosion	WS	M	Inspector Comments: none	38.295746 ° -121.566244 °	38.294773 ° -121.565325 °		945
90	16.80	16.80	Earthen Levee	Encroachments	LS	M	Tree or limb	38.294680 ° -121.565667 °	38.294680 ° -121.565667 °		78
91	16.84	16.90	Earthen Levee	Encroachments	LS	PO	Landscaping	38.295082 ° -121.566037 °	38.295832 ° -121.566756 °		77
92	16.90	16.90	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.295813 ° -121.566625 °	38.295813 ° -121.566625 °		64
93	17.20	17.20	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.299430 ° -121.569748 °	38.299430 ° -121.569748 °		65
94	17.54	17.61	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.303487 ° -121.573158 °	38.303983 ° -121.574180 °		66

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 0003

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.60	09/22/2008	Richard Willoughby

Levee Mile Report Line	23
Start Levee Mile	5.94
End Levee Mile	6.00
Location	
Category	Earthen Levee
Item	Encroachments
Oleander on landside shoulder blocking view of levee slope from LM 5.94 to 6.00	



Levee Mile Report Line	23
Start Levee Mile	5.94
End Levee Mile	6.00
Location	
Category	Earthen Levee
Item	Encroachments
Oleander on landside shoulder blocking view of levee slope from LM 5.94 to 6.00	



Levee Mile Report Line	28
Start Levee Mile	7.27
End Levee Mile	7.33
Location	
Category	Earthen Levee
Item	Slope Stability
Landowner has removed 300' of material on landward slope next to a ramp at LM 7.27	

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Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.60	09/22/2008	Richard Willoughby

Levee Mile Report Line	28
Start Levee Mile	7.27
End Levee Mile	7.33
Location	
Category	Earthen Levee
Item	Slope Stability
View looking upstream at damage site.	



Levee Mile Report Line	28
Start Levee Mile	7.27
End Levee Mile	7.33
Location	
Category	Earthen Levee
Item	Slope Stability
View looking downstream at repaired site. Site was repaired w/out DWR supervision. No cerifited compaction results provided.	



Levee Mile Report Line	28
Start Levee Mile	7.27
End Levee Mile	7.33
Location	
Category	Earthen Levee
Item	Slope Stability
View looking upstream at repaired site.	

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Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

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Unit No. 02 Right Bank Sacramento River	Right	17.60	09/22/2008	Richard Willoughby

Levee Mile Report Line	36
Start Levee Mile	10.13
End Levee Mile	10.13
Location	
Category	Earthen Levee
Item	Encroachments
Block/Concrete fence on landside shoulder at LM 10.13	



Levee Mile Report Line	36
Start Levee Mile	10.13
End Levee Mile	10.13
Location	
Category	Earthen Levee
Item	Encroachments
Block/Concrete fence on landside shoulder at LM 10.13	



Levee Mile Report Line	81
Start Levee Mile	15.83
End Levee Mile	15.83
Location	
Category	Earthen Levee
Item	Encroachments
Down tree limbs on landside slope at LM 15.83	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

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Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.60	09/22/2008	Richard Willoughby

Levee Mile Report Line	81
Start Levee Mile	15.83
End Levee Mile	15.83
Location	
Category	Earthen Levee
Item	Encroachments
Down tree limbs on landside slope at LM 15.83	

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